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RAW SEQUENCE LISTING

DATE: 12/19/2001

PATENT APPLICATION: US/09/975,856

TIME: 12:18:53

Input Set : N:\Crf3\RULE60\09975856.txt

Output Set: N:\CRF3\12192001\I975856.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Gure, Ali O.; Tureci, Ozlem; Sahin, Ugur; Tsang, Solam;
 6 Scanlan, Matthew J.; Knuth Alexander; Pfreundschuh, Michael; Old,
 7 Lloyd J.; Chen, Yao-Tseng

9 (ii) TITLE OF INVENTION: Isolated Nucleic Acid Molecules Encoding SSX
 10 Family
 11 Members And Uses Thereof

13 (iii) NUMBER OF SEQUENCES: 14

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Fulbright & Jaworski L.L.P.
 17 (B) STREET: 666 Fifth Avenue
 18 (C) CITY: New York City
 19 (D) STATE: New York
 20 (F) ZIP: 10103

22 (v) COMPUTER READABLE FORM:

23 (A) MEDIUM TYPE: Diskette, 3.5 inch, 144 kb storage
 24 (B) COMPUTER: IBM
 25 (C) OPERATING SYSTEM: PC-DOS
 26 (D) SOFTWARE: Wordperfect

28 (vi) CURRENT APPLICATION DATA:

29 (A) APPLICATION NUMBER: US/09/975,856
 30 (B) FILING DATE: 11-Oct-2001
 31 (C) CLASSIFICATION:

34 (vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: 09/796,780
 36 (B) FILING DATE: 2001-03-01

38 (viii) ATTORNEY/AGENT INFORMATION:

39 (A) NAME: Hanson, Norman D.
 40 (B) REGISTRATION NUMBER: 30,946
 41 (C) REFERENCE/DOCKET NUMBER: LUD 5480

43 (ix) TELECOMMUNICATION INFORMATION:

44 (A) TELEPHONE: (212) 318-3168
 45 (B) TELEFAX: (212) 752-5958

47 (2) INFORMATION FOR SEQ ID NO: 1:

49 (i) SEQUENCE CHARACTERISTICS:

50 (A) LENGTH: 576 nucleotides
 51 (B) TYPE: nucleic acid
 52 (C) STRANDEDNESS: single
 53 (D) TOPOLOGY: linear

54 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

58 ATGAACGGAG ACGACGCCCTT TGCAAGGAGA CCCAGGGATG ATGCTCAAAT ATCAGAGAAG	60
59 TTACGAAAGG CCTTCGATGA TATTGCCAAA TACTTCTCTA AGAAAGAGTG GGAAAAGATG	120
60 AAATCCTCGG AGAAAATCGT CTATGTGTAT ATGAAGCTAA ACTATGAGGT CATGACTAAA	180
61 CTAGGTTTCA AGGTCACCCCT CCCACCTTTC ATGCGTAGTA AACGGGCTGC AGACTTCCAC	240
62 GGGAAATGATT TTGGTAACGA TCGAAACCAC AGGAATCAGG TTGAACGTCC TCAGATGACT	300
63 TTCGGCAGCC TCCAGAGAAT CTTCCCGAAG ATCATGCCCA AGAAGCCAGC AGAGGAAGAA	360

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64 AATGGTTTGA AGGAAGTGCC AGAGGCATCT GGCCCACAAA ATGATGGGAA ACAGCTGTGC      420
65 CCCCCGGGAA ATCCAAGTAC CTTGGAGAAG ATTAACAAGA CATCTGGACC CAAAAGGGGG      480
66 AAACATGCCT GGACCCACAG ACTGCGTGAG AGAAAGCAGC TGGTGGTTTA TGAAGAGATC      540
67 AGCGACCCCTG AGGAAGATGA CGAGTAACTC CCCTCG      576
69 (2) INFORMATION FOR SEQ ID NO: 2:
71     (i) SEQUENCE CHARACTERISTICS:
72         (A) LENGTH: 576 nucleotides
73         (B) TYPE: nucleic acid
74         (C) STRANDEDNESS: single
75         (D) TOPOLOGY: linear
77     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
80 ATGAACGGAG ACGACGCCTT TGTACGGAGA CCTAGGGTTG GTTCTCAAAT ACCACAGAAG 60
81 ATGCAAAAGG CCTTCGATGA TATTGCCAAA TACTTCTCTG AGAAAGAGTG GGAAAAGATG 120
82 AAAGCCTCGG AGAAAATCAT CTATGTGTAT ATGAAGAGAA AGTATGAGGC CATGACTAAA 180
83 CTAGGTTTCA AGGCCACCTT CCCACCTTTC ATGCGTAATA AACGGGTCGC AGACTTCCAG 240
84 GGGAATGATT TTGATAATGA CCCTAACCGT GGGAATCAGG TTGAACATCC TCAGATGACT 300
85 TTCGGCAGGC TCCAGGGAAT CTTCCCGAAG ATCACGCCCC AGAAGCCAGC AGAGGAAGGA 360
86 AATGATTCAA AGGGAGTGCC AGAAGCATCT GGCCCACAGA ACAATGGGAA ACAGCTGCGC 420
87 CCCTCAGGAA AACTAAATAC CTCTGAGAAG GTTAACAAGA CATCTGGACC CAAAAGGGGG 480
88 AAACATGCCT GGACCCACAG AGTGCCTGAG AGAAAGCAAC TGGTGGATTA TGAAGAGATC 540
89 AGCGACCCCTG CGGAAGATGA CGAGTAACTC CCCTCA      576
92 (2) INFORMATION FOR SEQ ID NO: 3:
93     (i) SEQUENCE CHARACTERISTICS:
94         (A) LENGTH: 23 nucleotides
95         (B) TYPE: nucleic acid
96         (C) STRANDEDNESS: single
97         (D) TOPOLOGY: linear
99     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
101 CACACAGGAT CCATGAACGG AGG      23
103 (2) INFORMATION FOR SEQ ID NO: 4:
104     (i) SEQUENCE CHARACTERISTICS:
105         (A) LENGTH: 33 nucleotides
106         (B) TYPE: nucleic acid
107         (C) STRANDEDNESS: single
108         (D) TOPOLOGY: linear
110     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
112 CACACAAAGC TTTGAGGGGA GTTACTCGTC ATC      33
122 (2) INFORMATION FOR SEQ ID NO: 5:
123     (i) SEQUENCE CHARACTERISTICS:
124         (A) LENGTH: 23 nucleotides
125         (B) TYPE: nucleic acid
126         (C) STRANDEDNESS: single
127         (D) TOPOLOGY: linear
128     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
130 CTAAAGCATC AGAGAAGAGA AGC      23
134 (2) INFORMATION FOR SEQ ID NO: 6:
135     (i) SEQUENCE CHARACTERISTICS:
136         (A) LENGTH: 26 nucleotides
137         (B) TYPE: nucleic acid

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138         (C) STRANDEDNESS: single
139         (D) TOPOLOGY: linear
140     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
141         AGATCTCTTA TTAATCTTCT CAGAAA      26
142 (2) INFORMATION FOR SEQ ID NO: 7:
143     (i) SEQUENCE CHARACTERISTICS:
144         (A) LENGTH: 23 nucleotides
145         (B) TYPE: nucleic acid
146         (C) STRANDEDNESS: single
147         (D) TOPOLOGY: linear
148     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
149         GTGCTCAAAT ACCAGAGAAG ATC      23
150 (2) INFORMATION FOR SEQ ID NO: 8:
151     (i) SEQUENCE CHARACTERISTICS:
152         (A) LENGTH: 22 nucleotides
153         (B) TYPE: nucleic acid
154         (C) STRANDEDNESS: single
155         (D) TOPOLOGY: linear
156     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
157         TTTTGGGTCC AGATCTCTCG TG      22
158 (2) INFORMATION FOR SEQ ID NO: 9:
159     (i) SEQUENCE CHARACTERISTICS:
160         (A) LENGTH: 24 nucleotides
161         (B) TYPE: nucleic acid
162         (C) STRANDEDNESS: single
163         (D) TOPOLOGY: linear
164     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
165         GGAAGAGTGG GAAAAGATGA AAGT      24
166 (2) INFORMATION FOR SEQ ID NO: 10:
167     (i) SEQUENCE CHARACTERISTICS:
168         (A) LENGTH: 22 nucleotides
169         (B) TYPE: nucleic acid
170         (C) STRANDEDNESS: single
171         (D) TOPOLOGY: linear
172     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
173         CCCCTTTTGG GTCCAGATAT CA      22
174 (2) INFORMATION FOR SEQ ID NO: 11:
175     (i) SEQUENCE CHARACTERISTICS:
176         (A) LENGTH: 25 nucleotides
177         (B) TYPE: nucleic acid
178         (C) STRANDEDNESS: single
179         (D) TOPOLOGY: linear
180     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
181         AAATCGTCTA TGTGTATATG AAGCT      25
182 (2) INFORMATION FOR SEQ ID NO: 12:
183     (i) SEQUENCE CHARACTERISTICS:
184         (A) LENGTH: 23 nucleotides
185         (B) TYPE: nucleic acid
186         (C) STRANDEDNESS: single
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205         (D) TOPOLOGY: linear
206     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
208         GGGTCGCTGA TCTCTTCATA AAC      23
211 (2) INFORMATION FOR SEQ ID NO: 13:
212     (i) SEQUENCE CHARACTERISTICS:
213         (A) LENGTH: 23 nucleotides
214         (B) TYPE: nucleic acid
215         (C) STRANDEDNESS: single
216         (D) TOPOLOGY: linear
217     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
219         GTTCTCAAAT ACCACAGAAG ATG      23
222 (2) INFORMATION FOR SEQ ID NO: 14:
223     (i) SEQUENCE CHARACTERISTICS:
224         (A) LENGTH: 20 nucleotides
225         (B) TYPE: nucleic acid
226         (C) STRANDEDNESS: single
227         (D) TOPOLOGY: linear
228     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
230         CTCTGCTGGC TTCTCGGGCG      20
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VERIFICATION SUMMARY

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L:20 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]
L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:40 M:220 C: Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:45 M:220 C: Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:0 M:247 C: Inserted Optional Header Field, [(ix) TELECOMMUNICATION INFORMATION:]